

TESTING AND QUALITY CONTROL LABORATORY

RURAL WORKS DEPARTMENT, SIWAN-1

Email ID:- aerwdtqclabsiwan1@gmail.com

Format - "A" (For Roads / Approach Roads)

1. Name of Scheme - RRSMP (GEN)
2. Name of Road - LO31, CMDG PATH St BISHUNPURA
(TRALK-04)
3. Name of Circle - SIWAN
4. Name of Division - SIWAN-01 Block - SIWAN
5. Length Of Road - 0.830 km Actual Length - 0.830 km
6. Date of Inspection - 21/12/2025 Chainage/ Location -

SL No.	Parameters	Remarks
1.	<u>Attention to Quality</u>	
I	Field Laboratory established with all necessary equipment (Attach Geo tagged Photographs)	YES
II	QC Register Part - 1 & Part - 2 Maintained and mandatory test conducted as per provisions	YES
III	Mention the name of tests conducted & their findings related to the following materials	—
(a)	Cement / Concrete	—
(b)	Sand	—
(c)	Stone	—
(d)	Steel	—
	Awarded Grade :-	
2.	<u>Geometrics</u>	
I	Chainage (m)	200M, 650M
II	Roadway Width (m)	6M
III	Carriageway Width (m)	3.75M, 3.75M
IV	Carriageway Camber (%)	2.00%, 3.50%
V	Shoulder Width (m)	ON GOING
VI	Shoulder Camber (%)	ON GOING
VII	Side Slope (V:H)	N/A
VIII	Super Elevation (%) / Widening (m)	N/A
	Awarded Grade :-	Satisfactory

3.	<u>Earth Work and Sub Grade</u>	N/A
I	Chainage (m)	—
II	Soil Identification / Classification	—
III	Degree of Compaction (%)	—
	Awarded Grade :-	—
4.	<u>Sub-Base</u>	N/A
I	Chainage (m)	—
II	Thickness of the layer (mm)	—
III	Gradation of Sub-base material	—
IV	Plasticity of sub base material	—
V	Compaction of sub base layer (%)	—
	Awarded Grade :-	—
5.	<u>Base Coarse-Water Bound Macadam (WMM/WBM)</u>	N/A
I	Chainage (m)	—
II	Thickness of each layer of WMM/WBM (mm)	—
III	Plasticity of Crushable Aggregate	—
IV	Volume of filler material (%)	—
V	Gradation of Coarse Aggregate	—
	Awarded Grade :-	—
6.	<u>Bituminous Base Coarse (BM)</u>	N/A
I	Chainage (m)	—
II	% of Bitumen Content	—
III	Thickness of Bituminous layer	—
IV	Grading of Coarse Aggregate	—
	Awarded Grade :-	—

7.	<u>Bituminous Layer-Premix Carpet (PMC)/MSS/SDBC</u>	SDBC
I	Chainage (m)	690M
II	% of Bituminous Content	4.47%
III	Thickness of Bituminous layer	25MM
IV	Grading of Coarse Aggregate	Gr-II
V	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory
8.	<u>Dry lean Cement Concrete</u>	N/A
I	Chainage (m)	—
II	Thickness (mm)	—
III	Compressive Strength of CC in Concrete Pavement / Concrete Block	—
	Awarded Grade :-	—
9.	<u>CC/PQC/Panel Concrete Pavements</u>	PQC
I	Chainage (m)	200M
II	Thickness of pavement (mm)	100MM
III	Width of the pavement (m)	3.75M
IV	Compressive Strength of CC in Concrete Pavement / Concrete Block cylinder	28.18 N/MM ²
V	Quality of workmanship joints & Edges etc.	Satisfactory
VI	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory
10.	<u>Shoulders</u>	ON GOING
I	Chainage (m)	N/A
II	Width of shoulder (m)	N/A
III	Quality of material for shoulders	N/A

IV	Degree of Compaction (%) (Attach the test report)	N/A
	Awarded Grade :-	N/A
11.	<u>Cross Drainage Works</u>	N/A
I	Chainage (m)	—
II	Type of CD Structure	—
III	Quality of material, such as concrete (Cube Test), Stone / Brick masonry, Hume pipe including size etc.	—
IV	Quality of workmanship, such as positioning of Hume pipe, Wing Walls, Cushion over hume pipe, Vent Clearance etc.	—
V	Parapet Walls	—
	Awarded Grade :-	—
12.	<u>Side Drain & Catch Water Drain</u>	N/A
I	Chainage (m)	—
II	General quality of side drain / Catch Water Drains & their integration with CD Structures	—
	Awarded Grade :-	—
13.	<u>Road Furniture & Road Markings</u>	ON GOING
I	Main information Board (As per Norms)	Satisfactory
II	Citizen Information/ Maintenance Board (As per Norms)	Satisfactory
III	Kilometer post / 200 m Stone / Precautionary / Mandatory Sign Boards	ON GOING
IV	Road Marking	ON GOING
	Awarded Grade :-	Satisfactory

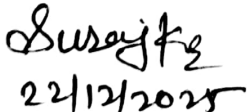
Note:- * Attach Test Report
* Attach Relevant Photographs


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21/12/2025
Technical Supervisor
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Control Laboratory, R.W.D
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Satish Kumar
21/12/2025
T.S

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Siwan-1

TESTING AND QUALITY CONTROL LABORATRY RURAL WORKS DEPARTMENT, SIWAN-1 Email ID:- aerwdtqlabsiwan1@gmail.com					
CONCRETE CORE TEST RESULT (IS 516)					
NAME OF DIVISION:- R.W.D, WORKS DIVISION-SIWAN-01, BLOCK-SISWAN					
Name of Road-L031 CMDG PATH BISHUNPURA (TRACK-04)					
ROAD LENGTH-0.830KM, BT-0.380 KM, CC-0.450KM					
Name of Agency-M/S NARSINGH SINGH					
Date of test		22-12-2025		Date of Sample:-22-12-2025	
PERTICULARS		Chainage		REMARK	
1. Height of Core in mm		0.200KM		ACCEPTABLE	
2.Weight of Core in Gm		100.00			
3.Dia of Core in mm		1722.00			
4.Density of Concrete gm/cc		95.00			
5.Correction factor		2.431			
6.Load In KN		0.90			
7.Area of Core mm-sqr		223.00			
8.Compressive Strength of Cylinder N/mm-square		7088 •			
9.Equivalent Cube Strength. N/mm-Sqr		28.18			
10.Required Compressive Strength.		35.23		35 N/mm-square	
				Yes	

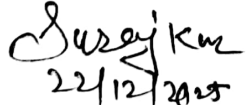

 22/12/2025
TECHINICAL SUPERVISOR
 TESTING AND QUALITY CONTROL
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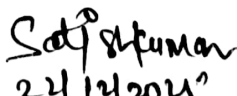

 22/12/2025



ASSISTANT ENGINEER
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TESTING AND QUALITY CONTROL LABORATRY RURAL WORKS DEPARTMENT, SIWAN-1 Email ID:- aerwdtqclabsiwan1@gmail.com					
TEST RESULT FOR BITUMEN CONTENT OF SDBC/BM/MSS/PMC/SURFACE DRESSING					
TEST FOR BITUMEN CONTENT OF :- SDBC			SCHEME: RRSMP(Gen)		
NAME OF DIVISION:- R.W.D, WORKS DIVISION- SIWAN-01, BLOCK:-SISWAN					
ROAD NAME :- L031 CMDG PATH BISHUNPURA (TRACK-04)					
NAME OF Agency-M/S NARSINGH SINGH					
DATE OF TEST - 22- 12-2025			DATE OF SAMPLE COLLECTION :-22-12-2025		
TEST FOR BITUMEN CONTENT					
Sl no	Chainage	0.650KM			REMARK
1	Date Of Test	22-12-2025			ACCEPTABLE
2	Wt. Of Mix in gm (A)	510			
3	Wt. Of Cleared Chips in gm (B)	487.2			
4	Wt. Bitumen in gm (A-B)	22.8			
5	% Of Bitumen W.R to Mix (A-B)/A×100	4.47			
NOTE:-					


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